



Information Disclosure Statement

10/786,736

May 27, 2005

Page 4

Form PTO-1449 (Modified) Page 1 of 2	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et.al.	
	FILING DATE February 24, 2004	GROUP 2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
4/1	10/944,032		Sievenpiper			09/17/2004
	6,337,668 B1	1/2002	Ito et al.	343	833	
	6,424,319 B2	7/2002	Ebling et al.	343	911 L	
	6,525,695 B2	2/2003	McKinzie, III	343	756	
	6,624,720 B1	9/2003	Allison et al.	333	105	
	6,642,889 B1	11/2003	McGrath	343	700 MS	
	2003/0193446 A1	10/2003	Chen	343	893	
	2004/0227667 A1	11/2004	Sievenpiper	343	700 MS	
	2004/0227668 A1	11/2004	Sievenpiper	343	700 MS	
	2004/0227678 A1	11/2004	Sievenpiper	343	702	
	2004/0263408 A1	12/2004	Sievenpiper et al.	343	757	

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
1/1	01/73891 A1	10/2001	WO			
	01/73893 A1	10/2001	WO			
	03/098732 A1	11/2003	WO			

EXAMINER <i>Humbert Allen</i>	DATE CONSIDERED 10/28/05
----------------------------------	-----------------------------

EXAMINER: Initial if referenced; considered whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement

USSN 10/786,736

May 27, 2005

Page 5

Form PTO-1449 (Modified) Page 2 of 2	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et al.	
	FILING DATE February 24, 2004	GROUP 2817

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	Brown, W.C., "The History of Power Transmission by Radio Waves," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. MTT-32, No. 9, pp. 1230-1242 (September 1984).
<input type="checkbox"/>	Fay, P., et al., "High-Performance Antimonide-Based Heterostructure Backward Diodes for Millimeter-Wave Detection," <i>IEEE Electron Device Letters</i> , Vol. 23, No. 10, pp. 585-587 (October 2002).
<input type="checkbox"/>	Gold, S.H., et al., "Review of High-Power Microwave Source Research," <i>Rev. Sci. Instrum.</i> , Vol. 68, No. 11, pp. 3945-3974 (November 1997).
<input type="checkbox"/>	Koert, P., et al., "Millimeter Wave Technology for Space Power Beaming," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 40, No. 6, pp. 1251-1258 (June 1992).
<input type="checkbox"/>	Lezec, H.J., et al., "Beaming Light from a Subwavelength Aperture," <i>Science</i> , Vol. 297, pp. 820-821 (August 2, 2002).
<input type="checkbox"/>	McSpadden, J.O., et al., "Design and Experiments of a High-Conversion-Efficiency 5.8-GHz Rectenna," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 46, No. 12, pp. 2053-2060 (December 1998).
<input type="checkbox"/>	Schulman, J.N., et al., "Sb-Heterostructure Interband Backward Diodes," <i>IEEE Electron Device Letters</i> , Vol. 21, No. 7, pp. 353-355 (July 2000).
<input type="checkbox"/>	Sievenpiper, D., et al., "Beam Steering Microwave Reflector Based On Electrically Tunable Impedance Surface," <i>Electronics Letters</i> , Vol. 38, No. 21, pp. 1237-1238 (October 1, 2002).
<input type="checkbox"/>	Sievenpiper, D.F., et al., "Two-Dimensional Beam Steering Using an Electrically Tunable Impedance Surface," <i>IEEE Transactions on Antennas and Propagation</i> , Vol. 51, No. 10, pp. 2713-2722 (October 2003).
<input type="checkbox"/>	Strasser, B., et al., "5.8-GHz Circularly Polarized Rectifying Antenna for Wireless Microwave Power Transmission," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 50, No. 8, pp. 1870-1876 (August 2002).
<input type="checkbox"/>	Swartz, N., "Ready for CDMA 2000 1xEV-Do?," <i>Wireless Review</i> , 2 pages total (October 29, 2001).
<input checked="" type="checkbox"/>	Yang, F.R., et al., "A Uniplanar Compact Photonic-Bandgap(UC-PBG) Structure and Its Applications for Microwave Circuits," <i>IEEE Transactions on Microwave Theory and Techniques</i> , Vol. 47, No. 8, pp. 1509-1514 (August 1999).

EXAMINER <i>Kimberly Allen</i>	DATE CONSIDERED <i>10/28/05</i>
-----------------------------------	------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 608; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement

USSN 10/786,736

October 17, 2005

Page 3



Form PTO-1449 (Modified) Page 1 of 2	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et al.	
	FILING DATE February 24, 2004	GROUP 2817

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	ISSUE DATE	NAME	CLASS	SUB- CLASS	FILING DATE or 102(e) DATE IF APPROPRIATE
<i>KA</i>	2003/0222738	12/2003	Brown, et al.	333	206	
	2004/0113713	6/2004	Zipper, et al.	333	206	
	5,208,603	5/1993	Yee	343	909	
	5,278,562	1/1994	Martin, et al.	342	1	
	5,619,365	4/1997	Rhoads, et al.	359	248	
	5,619,366	4/1997	Rhoads, et al.	359	248	
	5,621,571	4/1997	Bantli, et al.	359	529	
	6,028,692	2/2000	Rhoads, et al.	359	245	
	6,469,673	10/2002	Kaiponen	343	703	
<i>↓</i>	6,897,810	5/2005	Dai, et al.	343	700 MS	

<i>Kimberly Glenn</i>	DATE CONSIDERED <i>10/28/05</i>
-----------------------	------------------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §502. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Information Disclosure Statement
 USSN 10/786,736
 October 17, 2005
 Page 4



Form PTO-1449 (Modified) Page 2 of 2	ATTY DOCKET NO. B-4958NP 621373-2	U.S. SERIAL NO. 10/786,736
LIST OF PATENTS AND PUBLICATIONS STATEMENT	APPLICANTS James H. Schaffner, et al.	
	FILING DATE February 24, 2004	GROUP 2817

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

<input checked="" type="checkbox"/>	Bushbeck, M.D., et al., "a Tunable Switcher Dielectric Grating," <i>IEEE Microwave and Guided Wave Letters</i> , Vol. 3, No. 9, pp. 296-298 (September 1993)
<input type="checkbox"/>	Chambers, B., et al., "Tunable Radar Absorbers Using Frequency Selective Surfaces," <i>11th International Conference on Antennas and Propagation</i> , Vol. 50, pp. 832-835 (2002)
<input type="checkbox"/>	Chang, T.K., et al., "Frequency Selective Surfaces on Biased Ferrite Substrates," <i>Electronics Letters</i> , Vol. 30, No. 15, pp. 1193-1194 (July 21, 1994)
<input type="checkbox"/>	Gianvittorio, J.P., et al., "Reconfigurable MEMS-enabled Frequency Selective Surfaces," <i>Electronic Letters</i> , Vol. 38, No. 25, pp. 1627-1628 (December 5, 2002)
<input type="checkbox"/>	Lima, A.C., et al., "Tunable Frequency Selective Surfaces Using Liquid Substrates," <i>Electronic Letters</i> , Vol. 30, No. 4, pp. 281-282 (February 17, 1994)
<input checked="" type="checkbox"/>	Oak, A.C., et al. "A Varactor Tuned 16 Element MESFET Grid Oscillator," <i>Antennas and Propagation Society International Symposium</i> , pp. 1296-1299 (1995)

<i>Amberly Allen</i>	DATE CONSIDERED 10/28/05
----------------------	-----------------------------

EXAMINER: Initial if reference considered, whether or not citation is in conformance with 37CFR 601; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.